#### **CORRECTED VERSION**

# (19) World Intellectual Property Organization

International Bureau



### | 1 CHILL BUILDIN H CHILLE HIGH CHILL BUIL BUIL H HI ACHI CHILL BUIL CHILL BUIL BUIL BUIL BUIL BUIL BUIL BUIL

(43) International Publication Date 6 January 2005 (06.01.2005)

**PCT** 

## (10) International Publication Number WO 2005/000840 A1

(51) International Patent Classification<sup>7</sup>: C07D 413/06, A61K 31/496

(21) International Application Number:

PCT/EP2004/006814

(22) International Filing Date: 22 June 2004 (22.06.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0314738.6

24 June 2003 (24.06.2003) GB

(71) Applicant (for all designated States except US): GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB06 0NN (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): LIDDLE, John [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).

(74) Agent: GIBSON, Mark; GlaxoSmithKline, Corporate Intellectual Property, 980 Great West Road, Brentford Middlesex TW8 9GS (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

with international search report

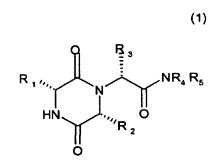
(48) Date of publication of this corrected version:

19 May 2005

(15) Information about Correction: see PCT Gazette No. 20/2005 of 19 May 2005, Section II

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SUBSTITUTED DIKETOPIPERAZINES AND THEIR USE AS OXYTOCIN ANTAGONISTS



(57) Abstract: Compounds of formula (1) Wherein  $R_1$  is 2-indanyl,  $R_2$  is 1-methylpropyl,  $R_3$  is 2-methyl-1,3-oxazol-4-yl and  $R_4$  and  $R_5$  together with the nitrogen atom to which they are attached represents morpholino, process for their preparation, pharmaceutical compositions containing them and their use in medicine.